IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A method of configuring signaling locations within a heart ~~to monitor hemodynamic performance~~ for performing intrachamber resynchronization, comprising:

positioning signaling electrodes to deliver stimulation to a left ventricle of the heart, the signaling electrodes being positioned along a first and second axis interior to the heart, the second axis ~~being~~ extending within ~~or around~~ the left ventricle to position at least one first signaling electrode of the signaling electrodes thereabout, ~~and being substantially horizontal with respect to the first axis,~~ the first axis extending into ~~spanning anterior and posterior extremes of~~ a right ventricular septum of the heart to position at least one second signaling electrode of the signaling electrodes at a position for delivering stimulation to the left ventricle ~~, the first axis being longer than the second axis~~; and

~~receiving electrical signals from the signaling electrodes indicative of hemodynamic performance; and~~

delivering, to the left ventricle, ~~in response to a certain received signal~~, stimulation via the at least one first and second signaling electrodes for performing the intrachamber resynchronization ~~in at least one of the interventricular septum, a coronary vein of the left ventricle, and the epicardial wall of the left ventricle~~.

Claim 2 (Previously Amended): The method of claim 1, further comprising:

receiving depolarization signals originating from at least one atrium of the heart via the signaling electrodes.

Claim 3 (Currently Amended): The method of claim 2, wherein receiving depolarization signals further comprises:

receiving depolarization signals from multiple locations of ~~within or around~~ the left ventricle.

Claims 4-19 (Canceled).

Claim 20 (Currently Amended): The method of claim 1, wherein the signaling electrodes ~~is a plurality of electrodes~~ are positioned endocardially in the heart.

Claims 21-26 (Canceled).

Claim 27 (Currently Amended): The method of claim 1, wherein the signaling electrodes are positioned to deliver stimulation to the left ventricle in at least one of ~~the~~ an interventricular septum, a coronary vein in the left ventricle, ~~and~~ or an ~~the~~ epicardial wall of the left ventricle.

Claim 28 (Currently Amended): The method of claim 27, wherein ~~receiving electrical signals~~ the delivering includes ~~receiving~~ providing electrical signals ~~from a~~ to the signaling ~~electrode~~ electrodes connected to a lead passing through the superior vena cava, the right atrium, the ostium of the coronary sinus, and a coronary vein of the left ventricle.

Claims 29-33 (Canceled).

Claim 34 (Currently Amended): The method of claim 1, wherein the delivering ~~the stimulating the left ventricle of the heart at the plurality of locations in or around the left ventricle~~ further comprises:

~~stimulating~~ delivering stimulation to the at least one ~~a~~ first signaling electrode in ~~the~~ a interventricular septum and the at least one ~~a~~ second signaling electrode in a coronary vein of the left ventricle.

Claims 35-66 (Canceled).

Claim 67 (Currently Amended): A system ~~for monitoring the hemodynamic performance of a heart~~ for performing intrachamber resynchronization, comprising:

~~a plurality of~~ signaling electrodes configured to be positioned at a first and second axis interior to the heart, to deliver stimulation to a left ventricle of the heart, the signaling electrodes being positioned along the first and second axis, the second axis ~~being~~ extending within ~~or around~~ the left ventricle to position at least one first signaling electrode of the signaling electrodes therein, ~~and being substantially horizontal with respect to the first axis~~, the first axis extending into ~~spanning anterior and posterior extremes of~~ a right ventricular septum of the heart to position at least one second signaling electrode of the signaling electrodes at a position for delivering stimulation to the left ventricle ~~, the first axis being longer than the second axis~~;

a processor ~~responsive to a certain one of the received electrical signals of the signaling electrodes~~, configured to deliver to the left ventricle, a stimulation signal ~~to~~ via the ~~plurality of~~ at least one first and second signaling electrodes for performing the intrachamber resynchronization ~~in at least one of the interventricular septum, a coronary vein of the left ventricle, and the epicardial wall of the left ventricle~~.

Claim 68 (Cancelled).

Claim 69 (Currently Amended): The system of claim [[68]] 67, wherein [[the]] depolarization signals are sensed by the ~~plurality of~~ signaling electrodes from multiple locations within the left ventricle.

Claim 70 (Currently Amended): The system of claim 67, wherein the ~~plurality of~~ signaling electrodes ~~is~~ are configured to be positioned endocardially in the heart.

Claim 71 (Currently Amended): The system of claim 67, wherein the stimulation signal is delivered to the left ventricle by ~~a~~ the at least one first signaling electrode in ~~the~~ an interventricular septum and the at least one ~~at a~~ second electrode in a coronary vein of the left ventricle.

Claims 72-73 (Canceled).